

# LEARNING, DESIGN & TECHNOLOGY, MASTER OF SCIENCE IN EDUCATION

Offered by Department of Teacher Education (<http://catalog.unk.edu/graduate/departments/teacher-education/>)

## Program Information and Admission Requirements

The Learning Design & Technology program requires four core classes covering the areas of research, democracy, diversity, and technology in accordance with the focus of the College of Education. The program is 30 credit hours.

Admission requirements include GPA and either a Professional Biography or the Graduate Record Examination.

The Learning Design & Technology program prepares graduates for careers in digital education, instructional and learning design, online learning, and similar areas. Learning Designers and Educational Technologists will lead successful careers in higher education, K12 schools and corporate. Educational Technologists can lead successful careers as designers, building, district-wide, or company-wide technology resource personnel who provide or assist with technology-related professional development, strategic planning components, trans-curricular integration of technology, and instructional/training delivery. Education students are able earn teaching endorsements in Leadership in Instructional Technology, Information Technology, and School Library.

Teachers earning the **Leadership in Instructional Technology endorsement** assist with or facilitate the development of digitally enhanced programs for students in prekindergarten through grade 12. Teachers with the **Information Technology endorsement** are approved to teach a variety of courses in areas such as web design, learning design, as well as development, support, and management of hardware, software, multimedia, and systems integration services for students in prekindergarten through grade 12. **School Librarians** provide leadership in library administration, technology, information access, children's and young adult literature, resource management, and curriculum and instruction. Many of the instructional technology degree students do not work on any endorsement but focus instead on developing their own technology skills and expertise for use in their own classrooms. Instructional technologists in the business world focus on designing and developing instruction, job aids, training aids, consulting, and similar training related issues. Instructional Technologists in any discipline are involved with all instructional aspects of technology and related areas.

Successful completion of a comprehensive examination/project is required of all degree-seeking students prior to graduation. There are three parts:

1. Program examination/project
2. Departmental examination, and
3. College of Education Survey of Desired Outcomes.

Contact your adviser at least one semester in advance of your planned graduation. Additionally, you must apply for graduation in the first few

weeks of the semester in which you intend to graduate even if you will not attend.

This program is offered online only.

All students are required to complete an exit survey during the semester of graduation or program completion.

Code	Title	Credit Hours
<b>Department Core Courses</b>		
<i>Research Course</i>		
TE 800	Education Research	3
<i>Democracy</i>		
TE 868	Copyright, Fair Use, and Ethics	3
<i>Diversity</i>		
TE 810	Design and Development of Instruction	3
<i>Technology</i>		
TE 886P	Technology Tools for Teachers	3
<b>Instructional Technology Core Classes</b>		
TE 870	Developing Web-Based Portfolios	3
Select one of the following:		
TE 866	Motivating the 21st Century Learner <sup>1</sup>	3
TE 877	Developing Web-Based Educational Environments <sup>1</sup>	3
CYBR 805P	Interactive Web Application Development	3
Select one of the following:		
TE 891	Field Experiences in Instructional Technology <sup>2</sup>	3
TE 893	Field Experiences in School Library <sup>2</sup>	3
<b>Select one of the following concentrations:</b>		<b>9-15</b>
Instructional Technology Concentration (p. 1)		
Leadership in Instructional Technology Concentration (p. 1)		
School Librarian Concentration (p. 2)		
Information Technology Concentration (p. 2)		
Total Credit Hours		30-36

## Instructional Technology Concentration

Code	Title	Credit Hours
Select 9 credit hours of Electives		9
Total Credit Hours		9

## Leadership in Instructional Technology Concentration

Code	Title	Credit Hours
TE 878	Leadership in Instructional Technology	3
TE 880	Management of Educational Technology	3
TE 882	Teacher Development Training in Instructional Technology	3
Total Credit Hours		9

## School Librarian Concentration

Code	Title	Credit Hours
TE 869	Introduction to School Library Program	3
TE 871	Collection Development and Management	3
TE 872	Organization of School Library and Technology Resources	3
TE 873	Reference Services and Resources	3
TE 875	Administration of the School Library	3
Total Credit Hours		15

## Information Technology Concentration

Code	Title	Credit Hours
Choose three courses from the following:		
CYBR 825P	Applied Database Management Systems	3
CYBR 834P	Information Technology Teaching Methods	3
CYBR 848P	System Administration	3
CYBR 858P	Computer Security	3

## Electives in Teacher Education

Code	Title	Credit Hours
TE 805P	Overview of Assistive Technology	3
TE 810	Design and Development of Instruction	3
TE 866	Motivating the 21st Century Learner	3
TE 867	Traditional Storytelling	3
TE 868	Copyright, Fair Use, and Ethics	3
TE 869	Introduction to School Library Program	3
TE 870	Developing Web-Based Portfolios	3
TE 871	Collection Development and Management	3
TE 872	Organization of School Library and Technology Resources	3
TE 873	Reference Services and Resources	3
TE 874	Production of Instructional Resources	3
TE 875	Administration of the School Library	3
TE 876	Integration of Curriculum, Technology and Media Resources	3
TE 877	Developing Web-Based Educational Environments	3
TE 878	Leadership in Instructional Technology	3
TE 879	Seminar in Instructional Technology	3
TE 880	Management of Educational Technology	3
TE 881	Online Teaching Instructional Design	3
TE 882	Teacher Development Training in Instructional Technology	3
TE 884	Online Teaching Methodology	3
TE 885	Instructional Video Production	3
TE 886P	Technology Tools for Teachers	3
TE 887	Electronic Media Production	3
TE 888	Enhancing Classroom Instruction Using Imaging Tools	3
TE 889	Creating Instructional Videos to Enhance Classroom Instruction	3

TE 891	Field Experiences in Instructional Technology	3
TE 892	Internship in Instructional Technology	1-6
TE 893	Field Experiences in School Library	3
CYBR 825P	Applied Database Management Systems	3
CYBR 834P	Information Technology Teaching Methods	3
CYBR 805P	Interactive Web Application Development	3
CYBR 848P	System Administration	3
CYBR 818P	E-Commerce Information Systems	3
CYBR 858P	Computer Security	3
CYBR 875	Graduate Internship in Cyber Systems	1-6
CYBR 894	Graduate Thesis	3-6

Electives may also be taken in ART, CDIS, CYBR, ENG, JMC, and MIS with permission.

In lieu of a comprehensive examination, an electronic portfolio will be submitted, evaluated, and approved.

## Endorsements ONLY

### School Librarian Endorsement Requirements

Code	Title	Credit Hours
TE 810	Design and Development of Instruction	3
TE 868	Copyright, Fair Use, and Ethics	3
TE 869	Introduction to School Library Program	3
TE 870	Developing Web-Based Portfolios	3
TE 871	Collection Development and Management	3
TE 872	Organization of School Library and Technology Resources	3
TE 873	Reference Services and Resources	3
TE 875	Administration of the School Library	3
TE 893	Field Experiences in School Library	3
Select 3 credit hours of Approved Electives		3
Total Credit Hours		30

*Please note: Unless a student already has a master degree and does not wish to earn a second one, the faculty highly recommend that instead of working on the School Librarian endorsement only program, the students should get admitted to the graduate program and work on the School Librarian concentration program - the difference is six credit hours. The Graduate College's policy is to allow up to 12 credit hours of work taken in a non-degree status to transfer in to a degree program. Therefore, if a student has taken 30 credit hours for the endorsement and THEN decides to enroll in the degree program, the Graduate College has the option of "rejecting" all the credit hours beyond 12. So if there is a possibility a student "might someday" enroll in a master degree program, the faculty recommend getting admitted into the degree program now. Students can attain endorsements without getting the degree, even if they are in the degree program. Students should contact advisors with any questions about this or any other aspect of the program.*

### Leadership in Instructional Technology Endorsement Requirements

Code	Title	Credit Hours
TE 810	Design and Development of Instruction	3
TE 868	Copyright, Fair Use, and Ethics	3

TE 870	Developing Web-Based Portfolios	3
TE 877	Developing Web-Based Educational Environments	3
TE 878	Leadership in Instructional Technology	3
TE 880	Management of Educational Technology	3
TE 882	Teacher Development Training in Instructional Technology	3
TE 891	Field Experiences in Instructional Technology	3
TE 876	Integration of Curriculum, Technology and Media Resources	3
or TE 886P	Technology Tools for Teachers	
Total Credit Hours		27

### Information Technology Endorsement Requirements

Code	Title	Credit Hours
TE 810	Design and Development of Instruction	3
TE 868	Copyright, Fair Use, and Ethics	3
CYBR 825P	Applied Database Management Systems	3
CYBR 834P	Information Technology Teaching Methods	3
CYBR 848P	System Administration	3
CYBR 858P	Computer Security	3
TE 877	Developing Web-Based Educational Environments	3
or CYBR 805P	Interactive Web Application Development	
Total Credit Hours		21

1

Information Technology concentration/endorsement students may take TE 866 as an elective, but must take TE 877 or CYBR 805P as a requirement. TE 866 is the preferred course for the School Librarian concentration/endorsement students.

2

All IT degree or endorsement students, EXCEPT for school library students, must take TE 891. School Library degree or endorsement students must take TE 893.

3

TE 876, Integration of Curriculum, Technology and Media Resources, is highly recommended.